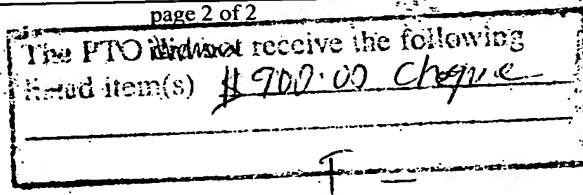


FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 12-2004)		ATTORNEY'S DOCKET NUMBER J2000-7001US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/524607
INTERNATIONAL APPLICATION NO. PCT/JP2003/009930	INTERNATIONAL FILING DATE 05 August 2003 (05.08.2003)	PRIORITY DATE CLAIMED 13 August 2002 (13.08.2002)
TITLE OF INVENTION FLUID CONTROL DEVICE		
APPLICANT(S) FOR DO/EO/US HASHIMOTO, Satoru; FUJII, Ryoji; SAWA, Kenji		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(C)(5)). 		
Items 11. To 16. Below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Copy of PCT Published Application with Search Report (WO2004/016314A1); Form PCT/IB/301; Form PCT/IB/304; and Form PCT/IB/308 		
Express Mail Label No. EV308930328US Mailed February 14, 2005		

U.S. APPLICATION NO. 107524607		INTERNATIONAL APPLICATION PCT/JP2003/009930		ATTORNEY'S DOCKET NUMBER J2000-7001US	
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic National \$300.00				\$300.00	
<input checked="" type="checkbox"/> b) Examination Fee \$200.00				\$200.00	
<input checked="" type="checkbox"/> c) Search Fee \$500.00				\$500.00	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100=	/50=		x \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$00.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	17 - 20 =	0	X \$50.00	\$00.00	
Independent Claims	2 - 3 =	0	X \$200.00	\$00.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$00.00	\$00.00
TOTAL OF ABOVE CALCULATIONS =				\$1000.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$00.00	
SUBTOTAL =				\$1000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$1000.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate coversheet (37 CFR 3.28, 3.31). \$40.00 per property				\$00.00	
TOTAL FEES ENCLOSED =				\$1000.00	
Amount to be: refunded					\$
Amount to be charged					\$
<p>a <input checked="" type="checkbox"/> A check in the amount of \$ 900.00 to cover the above fees is enclosed. The search fee reduction of \$100.00 has been taken for providing a copy of the International Search Report upon examination.</p> <p>b <input type="checkbox"/> Please charge by Deposit Account No. _____ In the amount of \$ _____ To cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 502762. A duplicate of this sheet is enclosed.</p> <p>d <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
SEND ALL CORRESPONDENCE TO:				SIGNATURE	
LOWRIE, LANDO & ANASTASI, LLP				Joseph Teja, Jr.	
One Main Street				NAME	
Cambridge, Massachusetts 02142					
Tel: (617) 395-7000				45,157	
CUSTOMER NUMBER 37462				REGISTRATION NO.	



10/524607

DT05 Rec'd PCT/PTO 14 FEB 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application of HASHIMOTO, Satoru et al.

International Serial No.: PCT/JP2003/009930

International Filing date: August 5, 2003

For: FLUID CONTROL DEVICE

VERIFICATION OF TRANSLATION

Honorable Commissioner of Patents and Trademarks
Washington D.C. 20231

Sirs:

KUZUWA, Kiyoshi residing at T & T Bldg., 8-21, Tomihisa-cho, Shinjuku-ku, Tokyo, Japan, declares:

(1) that he knows well both Japanese and English languages;

(2) that he translated the above-identified International Application from Japanese to English;

(3) that the attached English translation is a true and correct translation of the above-identified International Application to the best of his knowledge and belief; and

(4) that all statements made of his own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 USC 1001, and that such false statements may jeopardize the validity of the application or any patent issuing thereon.

February 3, 2005
Date


KUZUWA, Kiyoshi